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REPORT 19 M

U.S. NATIONAL INSTITUTES OF HEALTH

# NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

**FEBRUARY 1975**

U.S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
Public Health Service



**PREPARED BY**  
**NATIONAL INSTITUTES OF HEALTH**  
**DIVISION OF RESEARCH GRANTS**  
**STATISTICS AND ANALYSIS BRANCH**

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG	NATIONAL INSTITUTE ON AGING
AI	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AM	NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
CA	NATIONAL CANCER INSTITUTE
CA	DIVISION OF CANCER RESEARCH RESOURCES AND CENTERS
CB	DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CM	DIVISION OF CANCER TREATMENT
CN	OFFICE OF CANCER CONTROL
CO	OFFICE OF THE DIRECTOR, NCI
CP	DIVISION OF CANCER CAUSE AND PREVENTION
CL	CLINICAL CENTER
CT	DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE	NATIONAL INSTITUTE OF DENTAL RESEARCH
ES	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY	NATIONAL EYE INSTITUTE
GM	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL	NATIONAL HEART AND LUNG INSTITUTE
HB	DIVISION OF BLOOD DISEASES AND RESOURCES
HI	DIVISION OF INTRAMURAL RESEARCH
HO	OFFICE OF THE DIRECTOR, NHLI
HR	DIVISION OF LUNG DISEASES
HV	DIVISION OF HEART AND VASCULAR DISEASES
JT	JOINT CONTRACT SPONSORSHIP
LM	NATIONAL LIBRARY OF MEDICINE
NS	NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE
OD	OFFICE OF THE DIRECTOR, NIH
RG	DIVISION OF RESEARCH GRANTS
RR	DIVISION OF RESEARCH RESOURCES
RS	DIVISION OF RESEARCH SERVICES
TW	FOGARTY INTERNATIONAL CENTER





GRANTS AND AWARDS ANNOUNCED DURING FEBRUARY 1975

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS		OTHER AWARDS	
	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT
AI	4	154,040			8	272,043										
AM	7	743,556	12	285,214	3	67,878										
CA	4	279,662									1	733,438				
CM					9	1,188,335										
CN					10	1,377,910										
CO					2	229,157										
CP					3	898,370										
CT					1	11,488										
DE	11	144,949	2	37,640												
ES					1	13,348										
EY	10	257,611														
GM	31	949,907	2	36,526												
HB					1	72,600										
HD	2	58,607			1	60,000										
HL	46	3,161,159	12	278,950												
HR					1	70,335										
HV					26	1,256,424										
LM	3	81,530			4	244,812							8	108,042		
RR	118	5,831,021	28	638,330	3	787,752										
					73	6,550,452					1	733,438	8	108,042		

\*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS



NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA TUSKEGEE INSTITUTE TUSKEGEE INSTITUTE EY01173-01A1	SETTLER, SHERIDAN H, JR	CULTURE OF SUSPECTED VIRUSES IN HUMAN OCULAR DISEASE	28,417
INSTITUTION TOTAL	1		28,417
CITY TOTAL	1		28,417
STATE TOTAL	1		28,417
ARIZONA TUCSON UNIVERSITY OF ARIZONA HL1775-01	FISHER, H KENNETH	DELIVERY OF PULMONARY SURFACTANT TO ALVEOLAR SURFACES	33,434
INSTITUTION TOTAL	1		33,434
CITY TOTAL	1		33,434
STATE TOTAL	1		33,434
ARKANSAS LITTLE ROCK UNIVERSITY OF ARKANSAS MEDICAL CENTER HL17941-01	MORRIS, MANFORD D	STUDIES ON A PRIMATE MODEL OF HYPERLIPOPROTEINEMIA	15,000
INSTITUTION TOTAL	1		15,000
CITY TOTAL	1		15,000
STATE TOTAL	1		15,000
CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY GM21518-01	WASHBURN, WILLIAM N	SQUALENE SYNTHETASE: MECHANISM AND INTERMEDIATES	27,600
INSTITUTION TOTAL	1		27,600
CITY TOTAL	1		27,600
IRVINE UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE GM21958-01	HAYES, SIDNEY J	ROLE OF LAMBDA OOP RNA IN DNA REPLICATION	33,525

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CALIFORNIA IRVINE UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE HL16703--01A1 WILSON, ARCHIE F		PULMONARY PARENCHYMAL TISSUE VOLUME	37,417
INSTITUTION TOTAL	2		70,942
CITY TOTAL	2		70,942
LA JOLLA SCRIPPS CLINIC AND RESEARCH FOUNDATION GM21810--01 CRAWFORD, IRVING P A112449--01 WEIGLE, WILLIAM O		MUTATIONAL PERTURBATION OF SUBUNIT INTERACTIONS REGULATION OF THE IMMUNE RESPONSE	38,000 20,149
INSTITUTION TOTAL	2		58,149
SCRIPPS MEMORIAL HOSPITAL HL17786--01 HENSON, PETER M		PATHOGENESIS OF INFLAMMATORY LUNG INJURY	81,048
INSTITUTION TOTAL	1		81,048
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO GM21842--01 BRODY, STUART HL17471--01 GRUNDY, SCOTT M HL17944--01 HALASZ, NICHOLAS A HL17879--01 KYTE, JACK E HL17731--01 WEST, JOHN B		BIOCHEMISTRY OF CIRCADIAN RHYTHMS IN NEUROSPORA METABOLIC DEFECTS IN FAMILIAL HYPERLIPIDEMIAS STUDIES IN LUNG PRESERVATION MOLECULAR STRUCTURE OF THE QUABAIN SENSITIVE ATPASE PHYSIOLOGICAL BASIS OF PULMONARY DISEASE	16,543 63,678 36,877 62,798 362,006
INSTITUTION TOTAL	5		541,202
CITY TOTAL	8		680,399
LOS ANGELES UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES AM17980--01 BROWN, JOSHUA GM22338--01 GREENFIELD, MOSES A		ENDOCRINE FUNCTION OF TRANSPLANTED FETAL PANCREAS IN VIVO BONE STUDY: USING ULTRASOUND, PHOTON ABSORPTION	42,845 25,139
INSTITUTION TOTAL	2		62,984
CITY TOTAL	2		62,984
PALO ALTO PALO ALTO MEDICAL RESEARCH FOUNDATION HL17993--01 INGELS, NEIL B, JR		VENTRICULAR DYNAMICS FROM SURGICALLY INSERTED MARKERS	150,390
INSTITUTION TOTAL	1		150,390
CITY TOTAL	1		150,390

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA RIVERSIDE UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF GM21903-01	GIBIAN, MORTON J	STUDIES ON PROSTAGLANDIN SYNTHETASE AND LIPOXYGENASE	23,000
INSTITUTION TOTAL	1	23,000	
CITY TOTAL	1	23,000	
SAN FRANCISCO UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO	NELMS, D CADE	T-CELL FUNCTION IN RECURRENT APHTHOUS STOMATITIS	7,500
DE04019-01	SHAMES, DAVID M	RENAL HYPERTENSION DETECTION USING THE GAMMA VARIATE	40,328
HL18367-01	SINGER, THOMAS P	5TH INTERNATIONAL SYMPOSIUM ON FLAVINS AND FLAVOPROTEINS	8,900
GM21990-01			
INSTITUTION TOTAL	3	56,780	
CITY TOTAL	3	56,780	
SANTA CRUZ UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA CRUZ	FINK, ANTHONY L	ENZYME-CATALYZED REACTIONS AT SUB-ZERO TEMPERATURES	40,328
GM20555-01A1			
INSTITUTION TOTAL	1	40,328	
CITY TOTAL	1	40,328	
STANFORD STANFORD UNIVERSITY	BAGSHAW, MALCOLM A	PION RADIOTHERAPY: PRECLINICAL PHYSICS & RADIOBIOLOGY	187,222
CAL6313-01			
INSTITUTION TOTAL	1	187,222	
CITY TOTAL	1	187,222	
STATE TOTAL	20	1,299,645	
COLORADO BOULDER UNIVERSITY OF COLORADO	FIFKOVA, EVA	VISUAL DEPRIVATION AND SYNAPSES OF VISUAL CENTERS	35,810
EY01500-01	MC CONKEY, EDWIN H	NUCLEOLAR FUNCTIONS	56,867
GM21749-01			
INSTITUTION TOTAL	2	92,677	
CITY TOTAL	2	92,677	
STATE TOTAL	2	92,677	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER DE03996-01	LURIE, ALAN G	LOW-LEVEL IRRADIATION-MODIFICATION OF CARCINOGENESIS	7,500

INSTITUTION TOTAL	1	7,500
CITY TOTAL	1	7,500

MIDDLETOWN WESLEYAN UNIVERSITY GM21993-01	LYNCH, CAROL B	GENETIC ANALYSIS OF BEHAVIORAL THERMOREGULATION	30,245
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INSTITUTION TOTAL	1	30,245
CITY TOTAL	1	30,245

NEW HAVEN YALE UNIVERSITY EY01470-01	NEUFELD, ARTHUR H	MEDIATORS THAT REGULATE AQUEOUS HUMOR DYNAMICS	31,965
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INSTITUTION TOTAL	1	31,965
CITY TOTAL	1	31,965
STATE TOTAL	3	69,710

DIST OF COL WASHINGTON AMERICAN NATIONAL RED CROSS GM21736-01	MAZZUR, SCOTT R	GENETIC AND CULTURAL STUDIES OF AUSTRALIA ANTIGEN	6,095
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INSTITUTION TOTAL	1	6,095
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AMERICAN SOCIETY FOR PHOTOBIOLOGY CAL7092-01	SMITH, KENDRIC C	CONFERENCE: AGING, CARCINOGENESIS, RADIATION BIOLOGY	6,000
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INSTITUTION TOTAL	1	6,000
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GEORGETOWN UNIVERSITY GM21637-01	IRWIN, RICHARD D	EFFECTS OF IRRADIATION ON THE ACTIVITIES OF TUBULIN	23,658
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INSTITUTION TOTAL	1	23,658
CITY TOTAL	3	35,753

STATE TOTAL	3	35,753
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DOLLARS  
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
<b>FLORIDA</b>			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
GM21825-01	ALDRICH, HENRY C	MEMBRANE STRUCTURE CELL CONTACT, AND CELL FUSION	25,437
DE04143-01	JACKSON, ERIC	SYSTEMATIC DESENSITIZATION OF DENTAL FEARS	9,929
INSTITUTION TOTAL	2	35,336	
CITY TOTAL	2	35,336	
<b>MIAMI</b>			
UNIVERSITY OF MIAMI			
HL17909-01	BOUCEK, ROBERT J	DRUG TREATMENT OF VASCULAR SCLEROPROTEIN DEFECTS	68,391
INSTITUTION TOTAL	1	68,391	
CITY TOTAL	1	68,391	
STATE TOTAL	3	103,727	
<b>GEORGIA</b>			
ATLANTA			
EMORY UNIVERSITY			
HL17827-01	DEHAAN, ROBERT L	ELECTRICAL COUPLING AND CARDIAC FIBRILLATION	56,500
GM22034-01	WATERSON, ROBERT M	STRUCTURE-FUNCTION RELATIONSHIPS OF PROTEINS	41,239
INSTITUTION TOTAL	2	97,739	
CITY TOTAL	2	97,739	
STATE TOTAL	2	97,739	
<b>ILLINOIS</b>			
CHICAGO			
NORTHWESTERN UNIVERSITY			
HL17938-01	KWAAN, HAU C	UROKINASE FOR RETINAL VEIN THROMBOSIS	15,355
INSTITUTION TOTAL	1	15,055	
<b>UNIVERSITY OF CHICAGO</b>			
HL12575-01	ROTHMAN-DENES, LUCIA B	NOVEL TRANSCRIBING ACTIVITIES IN N-6-INFECTED E. COLI	44,174
INSTITUTION TOTAL	1	44,174	
CITY TOTAL	2	59,229	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
ILLINOIS			
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA			
HL17882-01	SHAPIRO, DAVID J	CHOLESTEROL REGULATION OF HMG-COA REDUCTASE SYNTHESIS	35,618

INSTITUTION TOTAL	1	35,618
CITY TOTAL	1	35,618

STATE TOTAL	3	94,847
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INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS			
GM21788-01	BOCKRATH, RICHARD C	RADIATION INDUCED CELLULAR MUTAGENESIS AND DNA REPAIR	13,786

INSTITUTION TOTAL	1	13,786
CITY TOTAL	1	13,786

STATE TOTAL	1	13,786
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IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
DE04140-01	GRIGSBY, WILLIAM R	ACQUIRED PELLICLE AS A COVALENT BINDING SITE	8,750

INSTITUTION TOTAL	1	8,750
CITY TOTAL	1	8,750

STATE TOTAL	1	8,750
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KANSAS			
LAWRENCE			
UNIVERSITY OF KANSAS			
LM02359-01	ALEXANDER, JOHN T	THE MOSCOW PLAGUE OF 1771: A SOCIAL HISTORY	8,175

INSTITUTION TOTAL	1	8,175
CITY TOTAL	1	8,175

STATE TOTAL	1	8,175
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KENTUCKY			
LOUISVILLE			
UNIVERSITY OF LOUISVILLE			
EY01516-01	KALSOW, CAROLY M	AUTOANTIGENS OF THE GUINEA PIG RETINA AND UVEA	7,500

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	7,500	
CITY TOTAL	1	7,500	
STATE TOTAL	1	7,500	
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
HL17932-01	BOCKMAN, EMMA L	BLOOD FLOW REGULATION IN MUSCLE	32,315
INSTITUTION TOTAL	1	32,315	
CITY TOTAL	1	32,315	
STATE TOTAL	1	32,315	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
HL17970-01	ANDERSON, DAVID E	VASCULAR EFFECTS OF INHIBITORY BEHAVIORAL ADAPTATIONS	46,784
DE04114-01	O'KEEFE, EDWARD J	EPIDERMAL GROWTH FACTOR, ORIGIN AND BIOLOGICAL ROLE	9,310
INSTITUTION TOTAL	2	55,394	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS			
LM02456-01	KAPPELMAN, MURRAY M	INFORMATION NEEDS OF PRACTICING PHYSICIANS	70,955
HL17781-01	PINTER, GABRIEL G	HYPERTENSION, KIDNEY DISEASE AND RENAL LYMPH	40,000
INSTITUTION TOTAL	2	110,955	
CITY TOTAL	4	166,349	
CATONSVILLE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS			
GM21933-01	VITULLO, VICTOR P	CARBOXYLATE ION CATALYSIS AND LYSOZYME	24,000
INSTITUTION TOTAL	1	24,000	
CITY TOTAL	1	24,000	
STATE TOTAL	5	190,349	
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
HL17458-01	ALEXANDER, EDWARD A	HYPERTENSION, SHOCK AND EDEMA: RENAL ASPECTS	87,150

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NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS BOSTON BOSTON UNIVERSITY GM21037-01A1	RYAN, N THOMAS	CHRONIC ALTERATIONS IN TISSUE METABOLISM AFTER SHOCK	38,588
INSTITUTION TOTAL	2	125,738	
CHILDREN'S HOSPITAL HLI7742-01	MEDICAL CENTER STOSSEL, THOMAS P	PHAGOCYTOSIS: INGESTION IN PULMONARY ALVEOLAR MACROPHAGE	61,163
INSTITUTION TOTAL	1	61,163	
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION EY01524-01	CINTRON, CHARLES	ULTRASTRUCTURE OF CORNEAL SCAR TISSUE	14,130
INSTITUTION TOTAL	1	14,130	
HARVARD UNIVERSITY AII2542-01 HLI7739-01	GORINI, LUIGI C HOLMAN, B LEONARD	ACTION OF STREPTOMYCIN AND RIBOSOMAL FUNCTION ACUTE MYOCARDIAL INFARCT SCINTIGRAPHY	45,372 47,530
INSTITUTION TOTAL	2	92,902	
MASSACHUSETTS GENERAL HOSPITAL CA16881-01	DVORAK, HAROLD F	MACROPHAGES AND THE SURFACE COAT IN TUMOR DESTRUCTION	52,638
INSTITUTION TOTAL	1	52,638	
PETER BENT BRIGHAM HOSPITAL AM18223-01	BUNN, HOWARD F	HEMOGLOBIN A1C IN PATIENTS WITH DIABETES MELLITUS	50,903
INSTITUTION TOTAL	1	50,903	
CITY TOTAL	8	397,474	
STATE TOTAL	8	397,474	
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN GM21436-01A1	DATTA, PRASANTA	ALLOSTERIC ENZYMES AND METABOLIC REGULATION	33,000
INSTITUTION TOTAL	1	33,000	
CITY TOTAL	1	33,000	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN EAST LANSING MICHIGAN STATE UNIVERSITY HL17768-01	ROBINSON, NORMAN E	DEVELOPMENT OF COLLATERAL VENTILATION	12,575
INSTITUTION TOTAL	1	12,575	
CITY TOTAL	1	12,575	
STATE TOTAL	2	45,575	
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA DE04066-01 HL17871-01	SUDO, SARA Z TOBIAN, LOUIS	ECOLOGY OF FUSOBACTERIA IN THE ORAL CAVITY KIDNEY, NA, CARDIAC OUTPUT, ARTERIOLES, & HYPERTENSION	7,500 355,761
INSTITUTION TOTAL	2	363,261	
CITY TOTAL	2	363,261	
SAINT PAUL UNIVERSITY OF MINNESOTA AM18324-01	LIENER, IRVIN E	THE AVAILABILITY OF AMINO ACIDS OF LEGUMES	25,527
INSTITUTION TOTAL	1	25,527	
CITY TOTAL	1	25,527	
STATE TOTAL	3	388,788	
MISSOURI COLUMBIA UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA GM21938-01	MACQUARRIE, RONALD A	STUDIES OF ALPHA-GLYCEROL PHOSPHATE DEHYDROGENASE	26,091
INSTITUTION TOTAL	1	26,091	
CITY TOTAL	1	26,091	
UNIVERSITY CITY WASHINGTON UNIVERSITY AM17904-01A1 EY01333-01A1	DAUGHADAY, WILLIAM H PODOS, STEVEN M	DIABETES AND ENDOCRINOLOGY CENTER CYCLIC NUCLEOTIDE PHOSPHODIESTERASES AND PROSTAGLANDIN	533,293 43,214
INSTITUTION TOTAL	2	582,507	
CITY TOTAL	2	582,507	

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RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	3	608,598	
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
HL17902-01	GILMORE, JOSEPH P	REACTIVITY OF MAMMALIAN RENAL MICROCIRCULATION	23,965
INSTITUTION TOTAL	1	23,965	
CITY TOTAL	1	23,965	
STATE TOTAL	1	23,965	
NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY			
GM21786-01	COHEN, EDWARD H	ORGANIZATION AND EVOLUTION OF DROSOPHILA DNA	49,604
INSTITUTION TOTAL	1	49,604	
CITY TOTAL	1	49,604	
STATE TOTAL	1	49,604	
NEW YORK			
BUFFALO			
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
HL18416-01	KRASNEY, JOHN A	MECHANISMS OF THE CARDIOVASCULAR RESPONSE TO ANOXIA	33,365
AM18187-01	SEGAL, HAROLD L	MECHANISMS AND REGULATION OF PROTEIN TURNOVER	29,106
INSTITUTION TOTAL	2	62,471	
CITY TOTAL	2	62,471	
ITHACA			
CORNELL UNIVERSITY			
CA16624-01	SCHULTZ, ARTHUR G	THE TOTAL SYNTHESIS OF VERNOLEPIN AND VERNOMENIN	33,802
INSTITUTION TOTAL	1	33,802	
CITY TOTAL	1	33,802	
NEW YORK			
COLUMBIA UNIVERSITY			
DE04068-01	FERTIG, JOHN W	STATISTICAL METHODS IN DENTAL RESEARCH	29,973

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RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK COLUMBIA UNIVERSITY HL17813-01 HD06768-01A1 GM21632-01 HL17766-01	HARVEY, REJANE M HOCHBERG, JULIAN LOW, BARBARA W ROSEN, MICHAEL R	LUNG DISEASE AND THE OXYGENATION OF BLOOD AND TISSUE VISUAL INTEREST-MAINTENANCE IN CHILDREN AND ADULTS STUDIES OF PROTEIN CONFORMATION PEDIATRIC CARDIAC ELECTROPHYSIOLOGY AND PHARMACOLOGY	350,697 36,900 16,000 26,153
INSTITUTION TOTAL	5	459,723	
CORNELL UNIVERSITY MEDICAL COLLEGE HL17749-01	NEW, MARIA I	ADRENOCORTICAL FACTORS IN HUMAN HYPERTENSION	32,524
INSTITUTION TOTAL	1	32,524	
FORDHAM UNIVERSITY HD08352-01	CHANEY, ELSA M	WOMEN'S NON-FAMILIAL ROLES AND POPULATION POLICY	21,707
INSTITUTION TOTAL	1	21,707	
HOSPITAL FOR SPECIAL SURGERY DE04141-01	BOSKEY, ADELE L	MECHANISM OF HARD TISSUE MINERALIZATION	10,000
INSTITUTION TOTAL	1	10,000	
MONTEFIORE HOSPITAL AND MEDICAL CENTER HL17809-01 HL15983-01A2	COHEN, MICHAEL V YIPINTSOI, TADA	EFFECTS OF EXERCISE ON THE CORONARY VASCULATURE REGIONAL MYOCARDIAL BLOOD FLOW	103,796 31,700
INSTITUTION TOTAL	2	135,496	
NEW YORK ACADEMY OF SCIENCES GM2025-01	SHAMOD, ADIL E	CARRIERS AND CHANNELS IN BIOLOGICAL SYSTEMS	6,000
INSTITUTION TOTAL	1	6,000	
NEW YORK UNIVERSITY HL17829-01	FARBER, SAUL J	HYPERTENSION, HEART FAILURE & RENAL PROSTAGLANDINS	98,504
INSTITUTION TOTAL	1	98,504	
YESHIVA UNIVERSITY AM18128-01 HL17741-01	RUBIN, MERYL S SOFFER, RICHARD L	REGULATION OF MEMBRANE PERMEABILITY: MOLECULAR BASIS PULMONARY ANGIOTENSIN-CONVERTING ENZYME	3,990 75,720
INSTITUTION TOTAL CITY TOTAL	2 14	106,710 870,664	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK ROCHESTER UNIVERSITY OF ROCHESTER EY01529-01 EY01593-01 GM21793-01 GM21858-01 GM21999-01	CAFFERATA, ROBERT L CHAPMAN, ROBERT M GOROVSKY, MARTIN A LAWRENCE, CHRISTOPHER W WIBERG, JOHN S	THE EXPRESSION OF NEURONAL SPECIFICITY VISUAL MECHANISMS FOR WAVELENGTH DISCRIMINATION REPEATED GENES: AMPLIFICATION, EVOLUTION AND FUNCTION RADIATION MUTAGENESIS AND REPAIR IN SACCCHAROMYCES REGULATION OF PROTEIN SYNTHESIS BY BACTERIOPHAGE T4	44,528 31,097 66,172 46,611 56,368
INSTITUTION TOTAL CITY TOTAL	5 5	245,376 245,376	
STATE TOTAL	22	1,212,313	
NORTH CAROLINA DURHAM DUKE UNIVERSITY HL17961-01 HL17921-01	HALL, JAMES E PORTER, NED A	VOLTAGE-DEPENDENT CONDUCTANCE IN MEMBRANES PEROXY RADICALS TO PROSTAGLANDINS IN VESSELS & LUNG	39,334 43,678
INSTITUTION TOTAL CITY TOTAL	2 2	83,012 83,012	
STATE TOTAL	2	83,012	
OHIO CLEVELAND CASE WESTERN RESERVE EY01508-01	UNIVERSITY FRANK, KAY E	OCULAR INJURY BY ULTRASOUND	7,500
INSTITUTION TOTAL	1	7,500	
MOUNT SINAI HOSPITAL OF CLEVELAND HL17947-01	HAAS, ERWIN	EXPERIMENTAL RENAL AND NEUROGENIC HYPERTENSION	106,160
INSTITUTION TOTAL CITY TOTAL	1 2	106,160 113,660	
COLUMBUS BATTELLE MEMORIAL INSTITUTE AM18182-01	FALB, RICHARD D	MATERIALS FOR AN IMPLANTABLE MUSCLE	30,892
INSTITUTION TOTAL	1	30,892	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO COLUMBUS OHIO STATE UNIVERSITY GM21923-01	BERLINER, LAWRENCE J	THE ROLE OF ALPHA-LACTALBUMIN IN LACTOSE	26,222
INSTITUTION TOTAL	1	26,222	
CITY TOTAL	2	57,114	
STATE TOTAL	4	170,774	
PENNSYLVANIA PHILADELPHIA HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA HL17800-01	KALIA, MADHU	PULMONARY REFLEXES--CENTRAL PATHWAYS	17,600
INSTITUTION TOTAL	1	17,600	
TEMPLE UNIVERSITY HL17919-01 GM21083-01A1	RUSY, BEN F SCHRAMM, VERN L	CARDIAC ENERGY UTILIZATION DURING ANESTHESIA REGULATION OF ADENINE NUCLEOTIDE POOLS	19,619 33,500
INSTITUTION TOTAL	2	53,179	
UNIVERSITY OF PENNSYLVANIA HL17721-01	FISCHER, GRACE M	EFFECT OF SEX HORMONES ON VASCULAR CONNECTIVE TISSUE	33,853
INSTITUTION TOTAL	1	33,853	
CITY TOTAL	4	104,632	
PITTSBURGH UNIVERSITY OF PITTSBURGH DE04135-01	GAIK, GERALDINE C	QUAIL CELL GRAFTS AND THE CHICK TRIGEMINAL GANGLION	7,500
INSTITUTION TOTAL	1	7,500	
CITY TOTAL	1	7,500	
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY GM20742-01A1	WARME, PAUL K	ACTIVITY OF CYTOCHROME ANALOGS IN HEART MITOCHONDRIA	25,000
INSTITUTION TOTAL	1	25,000	
CITY TOTAL	1	25,000	
STATE TOTAL	6	137,132	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH GRANTS \*

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA HL17705-01	MARGOLIUS, HARRY S	KALLIKREIN-KININ SYSTEM IN HYPERTENSION

78,606

INSTITUTION TOTAL	1	78,606
CITY TOTAL	1	78,606

STATE TOTAL	1	78,606
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TENNESSEE NASHVILLE VANDERBILT UNIVERSITY GM21949-01	WILSON, JOHN T	STUDIES ON DRUG HYDROXYLATION
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33,117

INSTITUTION TOTAL	1	33,117
CITY TOTAL	1	33,117

STATE TOTAL	1	33,117
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TEXAS DALLAS UNIVERSITY OF TEXAS HL17777-01 GM21650-01	SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS PARKEY, ROBERT W SMITH, THOMAS E	IMAGING OF ACUTE MYOCARDIAL INFARCTION KINETICS AND CHEMISTRY OF ALLOSTERIC INTERACTIONS
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59,370  
34,963

INSTITUTION TOTAL	2	94,333
CITY TOTAL	2	94,333

HOUSTON RICE UNIVERSITY HL17821-01	WALKER, WILLIAM F	CAVITATION PHENOMENA NEAR PROSTHETIC DEVICES
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27,696

INSTITUTION TOTAL	1	27,696
CITY TOTAL	1	27,696

SAN ANTONIO UNIVERSITY OF TEXAS HL17783-01	SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO ELBEIN, ALAN D	COMPLEX CARBOHYDRATES; STRUCTURE, FUNCTION, SYNTHESIS
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21,215

INSTITUTION TOTAL	1	21,215
CITY TOTAL	1	21,215

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS



NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	4	143,244	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
AI12525-01	KUEHL, W MICHAEL	CONTROL OF IMMUNOGLOBULIN SYNTHESIS IN MYELOMA CELLS	44,345
EY01492-01	WATKINS, DAVID W, III	VISUAL DEPRIVATION: EFFECTS ON STRIATE NEURONS	7,450
INSTITUTION TOTAL	2	51,795	
CITY TOTAL	2	51,795	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
DE04148-01	DE PADLA, DOMINICK P	THE ROLE OF GLYCOPROTEINS IN PALATAL FUSION	9,417
INSTITUTION TOTAL	1	9,417	
CITY TOTAL	1	9,417	
STATE TOTAL	3	61,212	
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
DE04004-01	CHAPMAN, C RICHARD	ACUPUNCTURE AND PERCEPTION OF DENTAL PAIN IN MAN	37,570
HL17751-01	PETERSDORF, ROBERT G	EXPERIMENTAL ENDOCARDITIS	56,864
LM02360-01	WHORTON, JAMES C	HYGIENIC REFORM IN JACKSONIAN AMERICA	2,400
INSTITUTION TOTAL	3	96,834	
CITY TOTAL	3	96,834	
STATE TOTAL	3	96,834	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN--MADISON			
HL17736-01	SHUG, AUSTIN L	METABOLIC CHANGE DURING CARDIAC ISCHEMIA	40,946
HL17808-01	WOODSON, ROBERT D	EFFECT OF ALTERED OXYGEN AFFINITY ON OXYGEN TRANSPORT	47,564
INSTITUTION TOTAL	2	88,510	
CITY TOTAL	2	88,510	
STATE TOTAL	2	88,510	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

DOLLARS  
AWARDED

NIH  
RESEARCH GRANTS \*

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WYOMING LARAMIE UNIVERSITY OF WYOMING GM21998-01	HALEY, BOYD E	APPLICATION OF PHOTO AFFINITY NUCLEOTIDE ANALOGS	28,739
INSTITUTION TOTAL	1		28,739
CITY TOTAL	1		28,739
STATE TOTAL	1		28,739

FRANCE  
PARIS  
INTERNATIONAL SOCIETY ON THROMBOSIS AND HAEMOSTASIS  
HL17693-01 SOULIER, JEAN-PIERRE FIFTH CONGRESS ON THROMBOSIS AND HAEMOSTASIS

11,500

INSTITUTION TOTAL	1	11,500
CITY TOTAL	1	11,500
STATE TOTAL	1	11,500

JAPAN  
OSAKA  
KINKI UNIVERSITY  
HL17754-01 OKAMOTO, KOZO PATHOGENESIS AND PREVENTION OF HYPERTENSION SEQUELAE

40,200

INSTITUTION TOTAL	1	40,200
CITY TOTAL	1	40,200
STATE TOTAL	1	40,200
TOTAL	118	5,831,021

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
ARKANSAS LITTLE ROCK UNIVERSITY OF ARKANSAS AT LITTLE ROCK LM54709-00	PAULY, JOHN E	INSTRUCTIONAL MEDIATED COURSE IN GROSS ANATOMY	111,634
INSTITUTION TOTAL	1		111,634
UNIVERSITY OF ARKANSAS MEDICAL CENTER AI52511-00	FLANIGAN, WILLIAM J	HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	21,144
INSTITUTION TOTAL	1		21,144
CITY TOTAL	2		132,778
STATE TOTAL	2		132,778
CALIFORNIA DAVIS UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS HV52916-00	BORHANI, NEMAT O	CENTER FOR THE ASPIRIN-MYOCARDIAL INFARCTION STUDY	61,326
INSTITUTION TOTAL	1		61,326
CITY TOTAL	1		61,326
PALO ALTO PALO ALTO MEDICAL RESEARCH FOUNDATION HV52911-00	LEWIS, BERNARD I	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	56,292
INSTITUTION TOTAL	1		56,292
CITY TOTAL	1		56,292
SAN FRANCISCO UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO AM52204-00 CP43383-00	ARIEFF, ALLEN I ZIPPIN, CALVIN	ABNORMALITIES OF NERVOUS SYSTEM FUNCTION IN UREMIA TUMOR REGISTRY TRAINING PROGRAM AND ALLIED ACTIVITIES	47,878
INSTITUTION TOTAL	2		115,331
CITY TOTAL	2		115,331
SANTA MONICA RAND CORPORATION RR52111-00	GROMER, GABRIEL F	PROTOTYPE CLINICAL RESEARCH DATA ANALYSIS SYSTEM	635,790
INSTITUTION TOTAL	1		635,790

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
CITY TOTAL	1	635,790	
STATE TOTAL	5	868,739	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
CM53824-00	SARTORELLI, ALAN C	AGENTS AFFECTING PLASMA MEMBRANES	58,605
INSTITUTION TOTAL	1	58,605	
CITY TOTAL	1	58,605	
STATE TOTAL	1	58,605	
DIST OF COL			
WASHINGTON			
AMERICAN INSTITUTES FOR RESEARCH			
CM55070-00	RUDOV, MELVIN H	ATTITUDE TOWARD EMPLOYMENT OF WORK-ABLE CANCER PATIENTS	149,027
INSTITUTION TOTAL	1	149,027	
GEORGE WASHINGTON UNIVERSITY			
HV52941-00	RIOS, JORGE	ECG CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	71,128
INSTITUTION TOTAL	1	71,128	
LEONARD WOOD MEMORIAL			
AI52509-00	REICH, CLAUDE V	EVALUATE CHEMOTHERAPEUTIC AGENTS IN LEPROSY	149,993
INSTITUTION TOTAL	1	149,993	
NATIONAL ACADEMY OF SCIENCES			
AM52201-00	SHEPPARD, HARVEY E	PARTIAL SUPPORT OF V INTERNATIONAL BIOPHYSICS CONGRESS	5,000
HD52818-00	SIMOPOULOS, ARTEMIS P	RESEARCH IN MATERNAL AND CHILD HEALTH	60,000
INSTITUTION TOTAL	2	65,000	
CITY TOTAL	5	435,148	
STATE TOTAL	5	435,148	
FLORIDA			
JACKSONVILLE			
ST. VINCENT'S MEDICAL CENTER			
CM55210-00	MCCLOW, MARVIN	BREAST CANCER DETECTION DEMONSTRATION PROJECT	177,000

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
INSTITUTION TOTAL	1		177,000
CITY TOTAL	1		177,000
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
HV52928-00	LAZZARA, RALPH	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	48,631
INSTITUTION TOTAL	1		48,631
CITY TOTAL	1		48,631
MIAMI BEACH			
MOUNT SINAI MEDICAL			
HV52933-00	CENTER BERNSTEIN, WILLIAM H	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	46,252
INSTITUTION TOTAL	1		46,252
CITY TOTAL	1		46,252
TALLAHASSEE			
STATE UNIVERSITY OF			
ES52113-00	FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY WINCHESTER, JOHN W	RESPIRATORY IRRITANT ASSOCIATED RED TIDES	13,348
INSTITUTION TOTAL	1		13,348
CITY TOTAL	1		13,348
STATE TOTAL	4		285,231
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
HV52917-00	SCHLANT, ROBERT C	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	48,391
INSTITUTION TOTAL	1		48,391
CITY TOTAL	1		48,391
STATE TOTAL	1		48,391
HAWAII			
HONOLULU			
PACIFIC HEALTH RESEARCH INSTITUTE			
HV52936-00	MC NAMARA, JOSEPH J	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	52,497

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS



NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	52,497	
CITY TOTAL	1	52,497	
STATE TOTAL	1	52,497	
IDAHO			
BOISE			
ST. LUKE'S HOSPITAL			
CN55189-00	DAWSON, JOHN J	PSYCHOSOCIAL PROBLEMS, REHABILITATION OF CANCER PATIENTS	123,681
INSTITUTION TOTAL	1	123,681	
CITY TOTAL	1	123,681	
STATE TOTAL	1	123,681	
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
HV52929-00	HARING, OLGA M	CENTER FOR THE ASPIRIN-MYOCARDIAL INFARCTION STUDY	38,921
INSTITUTION TOTAL	1	38,921	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
HV52919-00	SCHOENBERGER, JAMES A	CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	36,313
INSTITUTION TOTAL	1	36,313	
ST. JOSEPH HOSPITAL			
HV52927-00	BERKSON, DAVID M	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	43,821
INSTITUTION TOTAL	1	43,821	
CITY TOTAL	3	119,055	
EVANSTON			
EVANSTON HOSPITAL			
HV52935-00	KILLIP, THOMAS	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	39,449
INSTITUTION TOTAL	1	39,449	
CITY TOTAL	1	39,449	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ILLINOIS JOLIET AMERICAN ASSOCIATION FOR LABORATORY ANIMAL SCIENCE RR52114-00	GARVEY, JOSEPH J	ACCREDITATION PROGRAM FOR LABORATORY ANIMAL CARE	5,000

INSTITUTION TOTAL	1	5,000
CITY TOTAL	1	5,000

SPRINGFIELD ILLINOIS DEPARTMENT OF PUBLIC HEALTH CN55082-00	FRANCIS, BYRON J	A STATE CERVICAL CANCER SCREENING PROGRAM	209,059
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INSTITUTION TOTAL	1	209,059
CITY TOTAL	1	209,059
STATE TOTAL	6	372,563

INDIANA INDIANAPOLIS LABORATORY SUPPLY COMPANY CM53775-00	COX, ELDON J	CONVENTIONAL ENVIRONMENT RODENT PRODUCTION CENTER	109,015
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INSTITUTION TOTAL	1	109,015
CITY TOTAL	1	109,015
STATE TOTAL	1	109,015

MARYLAND BALTIMORE WESTINGHOUSE ELECTRIC CORPORATION--WESTINGHOUSE DEFENSE AND ELECTRONIC SYSTEMS DIVISION CN55094-00	DEEDS, SIGRID G	ATTITUDE TOWARD EMPLOYMENT OF WORK-ABLE CANCER PATIENTS	133,027
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INSTITUTION TOTAL	1	133,027
CITY TOTAL	1	133,027

BETHESDA INTERNATIONAL BUSINESS MACHINES CORPORATION LM54706-00	NOT APPLICABLE	TO PROVIDE SYSTEMS ENGINEERING SUPPORT FOR IBM	17,000
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INSTITUTION TOTAL	1	17,900
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NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND BETHESDA MICROBIOLOGICAL ASSOCIATES CP53519-00	VERNON, MINA LEE	TYPE-C RNA TUMOR VIRUSES DIAGNOSTIC TESTING	825,917
INSTITUTION TOTAL	1	825,917	
CITY TOTAL	2	843,817	
 CHEVY CHASE UNIVERSITY RESEARCH CORPORATION CN55087-00	STEINBERG, S	ATTITUDE TOWARD EMPLOYMENT OF WORK-ABLE CANCER PATIENTS	272,946
INSTITUTION TOTAL	1	272,946	
CITY TOTAL	1	272,946	
 ROCKVILLE TOUSIMIS RESEARCH CORPORATION AM52203-00	TOUSIMIS, A J	SCANNING ELECTRON MICROSCOPY OF G I TRACT	15,000
INSTITUTION TOTAL	1	15,000	
CITY TOTAL	1	15,000	
STATE TOTAL	5	1,264,790	
 MASSACHUSETTS BOSTON BOSTON HEALTH AND HOSPITALS DEPARTMENT HV52937-00	HOOD, WILLIAM B JR	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	57,913
INSTITUTION TOTAL	1	57,913	
 MASSACHUSETTS OFFICE OF HUMAN SERVICES CN55167-00	DUFFY, BENEDICT	PLANNING FOR A CERVICAL CANCER SCREENING CENTER	45,802
INSTITUTION TOTAL	1	45,802	
 SIDNEY FARBER CANCER CENTER CM53839-00	FREI, EMIL	PHASE I STUDIES OF NEW ANTICANCER AGENTS	94,210
INSTITUTION TOTAL	1	94,210	
CITY TOTAL	3	197,925	
STATE TOTAL	3	197,925	

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN HV52913-00	SCHOCH, HENRY K	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	25,816
INSTITUTION TOTAL	1		25,816
CITY TOTAL	1		25,816
DETROIT HENRY FORD HOSPITAL HV52925-00	GOLDSTEIN, SIDNEY	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	62,907
INSTITUTION TOTAL	1		62,907
CITY TOTAL	1		62,907
EAST LANSING MICHIGAN STATE UNIVERSITY LM54704-00	NOT APPLICABLE	INSTRUCTIONAL MATERIALS IN NEUROPATHOLOGY AND NEUROLOGY	88,170
INSTITUTION TOTAL	1		88,170
CITY TOTAL	1		88,170
STATE TOTAL	3		176,893
MINNESOTA MINNEAPOLIS MOUNT SINAI HOSPITAL HV52926-00	SEGAL, MARVIN S	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	44,443
INSTITUTION TOTAL	1		44,443
CITY TOTAL	1		44,443
ROCHESTER MAYO FOUNDATION CM53838-00	MOERTEL, CHARLES G	PHASE I STUDIES OF NEW ANTICANCER AGENTS	165,715
INSTITUTION TOTAL	1		165,715
CITY TOTAL	1		165,715
STATE TOTAL	2		210,158

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER		CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	41,853
HV52912-00	HUTCHINSON, RICHARD G		
INSTITUTION TOTAL	1		41,853
CITY TOTAL	1		41,853
STATE TOTAL	1		41,853
MISSOURI			
UNIVERSITY CITY			
WASHINGTON UNIVERSITY		SYNTHESIS AND NMR STUDIES ON L-GLUTAMATES	11,488
CT52106-00	MARSHALL, GARLAND R		
INSTITUTION TOTAL	1		11,488
CITY TOTAL	1		11,488
STATE TOTAL	1		11,488
NEW JERSEY			
PISCATAWAY			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL		CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	52,786
HV52924-00	KUO, PETER T		
INSTITUTION TOTAL	1		52,786
CITY TOTAL	1		52,786
TRENTON			
NEW JERSEY STATE DEPARTMENT OF HEALTH		PLANNING FOR A CERVICAL CANCER SCREENING CENTER	49,177
CN55169-00	FRASER, LEON		
INSTITUTION TOTAL	1		49,177
CITY TOTAL	1		49,177
STATE TOTAL	2		101,963
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH		CHEMOTHERAPY STUDIES IN PATIENTS WITH BREAST CANCER	214,434
CM53834-00	DAD, THOMAS		
INSTITUTION TOTAL	1		214,434

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NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
CITY TOTAL	1	214,434	
NEW YORK			
BUFFALO			
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
AI52514-00	KAND, KYSICHI	HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	10,550
INSTITUTION TOTAL	1	10,550	
CITY TOTAL	1	10,550	10,550
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
CM53837-00	HOLLAND, JAMES	PHASE I STUDIES OF NEW ANTICANCER AGENTS	116,000
INSTITUTION TOTAL	1	116,000	
CORNELL UNIVERSITY MEDICAL COLLEGE			
HV52931-00	SCHIEDT, STEPHEN	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	49,487
INSTITUTION TOTAL	1	49,487	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CM53820-00	PRENSKY, WOLF	MOLECULAR HYBRIDIZATION STUDIES WITH ACTIVE RNA	74,884
INSTITUTION TOTAL	1	74,884	
CITY TOTAL	3	240,371	74,884
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
AI52513-00	HENRY, JOHN B	HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	7,621
INSTITUTION TOTAL	1	7,621	
CITY TOTAL	1	7,621	7,621
STATE TOTAL	6	472,976	
NORTH DAKOTA			
BISMARCK			
NORTH DAKOTA STATE DEPARTMENT OF HEALTH			
CM55209-00	TO BE SELECTED	PLANNING A STATE-WIDE CERVICAL CANCER SCREENING PROGRAM	49,268
INSTITUTION TOTAL	1	49,268	
CITY TOTAL	1	49,268	49,268

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
STATE TOTAL	1	49,268	
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI			
HV52930-00	ROMHILT, DONALD W	CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	33,028
INSTITUTION TOTAL	1	33,028	
CITY TOTAL	1	33,028	
STATE TOTAL	1	33,028	
OKLAHOMA			
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
A152512-00	OLEINICK, SAMUEL R	HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	10,096
INSTITUTION TOTAL	1	10,096	
CITY TOTAL	1	10,096	
STATE TOTAL	1	10,096	
PENNSYLVANIA			
BALA-CYNWYD			
U.S. SMALL BUSINESS ADMINISTRATION			
C055170-00	MATHUR, VINIA C	ASSEMBLE AND DISTRIBUTE NCI COMMITTEE BJOBS	136,124
INSTITUTION TOTAL	1	136,124	
CITY TOTAL	1	136,124	
DANVILLE			
INSTITUTE FOR MEDICAL EDUCATION AND RESEARCH			
HV52920-00	LAUBACH, CHARLES A	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	27,383
INSTITUTION TOTAL	1	27,383	
CITY TOTAL	1	27,383	
PHILADELPHIA			
FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA			
CP55652-00	CRAIG, PAUL	EDITING OF SAFETY MONOGRAPHS FOR THIRTEEN CARCINOGENS	5,000

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA			
CM53771-00	KLEINSTEIN, BRUCE	PREPARATION CANCER THERAPY ABSTRACTS VOLUMES 16 AND 17	293,449
INSTITUTION TOTAL	2	303,449	
LANKENAU HOSPITAL			
HV52938-00	DREIFUS, LEONARD S	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	67,470
INSTITUTION TOTAL	1	67,470	
CITY TOTAL	3	370,919	
STATE TOTAL	5	534,426	
TEXAS			
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
AI52504-00	BEATHARD, GERALD A	HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	14,512
INSTITUTION TOTAL	1	14,512	
CITY TOTAL	1	14,512	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
AI52506-00	SUKI, WADI N	HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	37,620
INSTITUTION TOTAL	1	37,620	
CITY TOTAL	1	37,620	
SAN ANTONIO			
SANTA ROSA MEDICAL CENTER			
HV52921-00	COOPER, ELMER E	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	72,322
INSTITUTION TOTAL	1	72,322	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
AI52505-00	DOUGHERTY, JOSEPH C	HISTOCOMPATIBILITY MATCHING IN RENAL TRANSPLANTATION	20,507
INSTITUTION TOTAL	1	20,507	
CITY TOTAL	2	92,829	
STATE TOTAL	4	144,961	

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NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
UTAH			
SALT LAKE CITY			
SALT LAKE CLINIC RESEARCH FOUNDATION			
BARKER, ALLAN H			
HV52923-00		CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	55,678
INSTITUTION TOTAL	1		55,678
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
HR52943-00	WARD, BRUCE	TESTING AND EVALUATION OF BRAMSON MEMBRANE LUNG	70,335
INSTITUTION TOTAL	1		70,335
CITY TOTAL	2		126,013
STATE TOTAL	2		126,013
VIRGINIA			
ALEXANDRIA			
HUMAN RESOURCES RESEARCH ORGANIZATION			
LM44725-00	NOT APPLICABLE	EVALUATION OF CAI NETWORK	27,108
CN55089-00	WILSON, THURLOW	ATTITUDE TOWARD EMPLOYMENT OF WORK-ABLE CANCER PATIENTS	168,923
INSTITUTION TOTAL	2		196,031
CITY TOTAL	2		196,031
MC LEAN			
TRW, INC.--TRW SYSTEMS GROUP			
C055171-00	FRANKEL, MICHAEL	NCPP PROJECT ANALYSIS MODEL	93,033
INSTITUTION TOTAL	1		93,033
CITY TOTAL	1		93,033
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
HV52914-00	RICHARDSON, DAVID W	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	49,353
INSTITUTION TOTAL	1		49,353
CITY TOTAL	1		49,353
STATE TOTAL	4		338,417
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
HV52922-00	HOOVER, J JOANNE	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	43,339

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CONTRACTS

DOLLARS  
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
INSTITUTION TOTAL	1	43,339	
CITY TOTAL	1	43,339	
STATE TOTAL	1	43,339	
PUERTO RICO			
SAN JUAN			
UNIVERSITY OF PUERTO RICO SYSTEM--UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES CAMPUS			
HV52910-00	GARCIA-PALMIERI, MARIO R	CLINICAL CENTER FOR ASPIRIN-MYOCARDIAL INFARCTION STUDY	29,625
RR52110-00	KERBER, WILLIAM T	RESEARCH AND BREEDING OF NONHUMAN PRIMATES	146,962
INSTITUTION TOTAL	2	176,587	
CITY TOTAL	2	176,587	
STATE TOTAL	2	176,587	
ISRAEL			
REHOVOTH			
WEIZMANN INSTITUTE OF SCIENCE			
HB52907-00	SILBERBERG, ALEXANDER	STUDIES ON INTERACTIONS OF PLATELETS WITH COLLAGENS	72,600
INSTITUTION TOTAL	1	72,600	
CITY TOTAL	1	72,600	
STATE TOTAL	1	72,600	
NETHERLANDS			
RIJSWIJK			
NETHERLANDS CENTRAL ORGANIZATION TWO			
CM53763-00	VAN PUTTEN, L M	COMBINATION OF RADIATION AND CHEMOTHERAPY	57,023
INSTITUTION TOTAL	1	57,023	
CITY TOTAL	1	57,023	
STATE TOTAL	1	57,023	
TOTAL	73	6,550,452	

57,023



NTH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
CALIFORNIA			
LA JOLLA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
AM00078-01	ROSENFELD, MICHAEL G	MECHANISM OF HORMONAL AND CAMP REGULATORY ACTION	K04
HL00111-01	WAGNER, PETER D	VENTILATION AND BLOOD FLOW IN CARDIOPULMONARY DISEASE	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
GM00103-01	GOLD, LAWRENCE H	GENE EXPRESSION: BIOCHEMISTRY/GENETICS OF TWO CISTRONS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
HL00027-01	PAPPANO, ACHILLES J	PHARMACOLOGY OF DEVELOPING CARDIAC TISSUES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
INDIANA			
WEST LAFAYETTE			
PURDUE UNIVERSITY			
HL00061-01	MARKLEY, JOHN L	THE USE OF NMR TO SOLVE PROBLEMS IN PROTEIN CHEMISTRY	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
IOWA IOWA CITY UNIVERSITY OF IOWA HL00041-01	HEISTAD, DONALD D		
INSTITUTION TOTAL	1	STUDIES ON CARDIOVASCULAR EFFECTS OF HYPOXEMIA	K04
CITY TOTAL	1		
STATE TOTAL	1		
MASSACHUSETTS BOSTON BETH ISRAEL HOSPITAL AM00053-01	FROMM, DAVID G		
INSTITUTION TOTAL	1	GASTRIC MUCOSAL PERMEABILITY AND ION TRANSPORT	K04
BOSTON UNIVERSITY AM00102-01	COUSER, WILLIAM G		
INSTITUTION TOTAL	1	IMMUNOLOGIC MECHANISMS OF GLOMERULAR INJURY	K04
HARVARD UNIVERSITY DE00006-01	SCHNITMAN, PAUL A		
INSTITUTION TOTAL	1	RADIOISOTOPE SCAN OF BONE AROUND DENTAL IMPLANTS	K04
MASSACHUSETTS GENERAL HOSPITAL AM00025-01	WALKER, W ALLAN		
INSTITUTION TOTAL	1	ANTIBODY CONTROL OF ANTIGEN UPTAKE IN SMALL INTESTINE	K04
NEW ENGLAND MEDICAL CENTER HOSPITAL AM00035-01	POHL, STEPHEN L		
INSTITUTION TOTAL	1	MECHANISMS OF POLYPEPTIDE HORMONE ACTION	K04
CITY TOTAL	5		
STATE TOTAL	5		
MISSOURI UNIVERSITY CITY WASHINGTON UNIVERSITY AM00077-01	BAUER, EUGENE A		
		CONTROL OF COLLAGENASE BIOSYNTHESIS IN CELL CULTURE	K04

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NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
MISSOURI UNIVERSITY CITY WASHINGTON UNIVERSITY AM00080-01	HILLMAN, RICHARD E	MEMBRANE TRANSPORT OF AMINO ACIDS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
NEW JERSEY NEW BRUNSWICK RUTGERS UNIVERSITY GM00155-01	OLSON, WILMA K	NUCLEIC ACID CONFORMATION AND PROPERTIES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK NEW YORK YESHIVA UNIVERSITY HL00105-01 AM00010-01	FROSOLONGO, MICHAEL F RUBIN, MERYL S	BIOCHEMISTRY OF PULMONARY SURFACTANT SYSTEM REGULATION OF MEMBRANE PERMEABILITY: MOLECULAR BASIS	K04 K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
ROCHESTER UNIVERSITY OF ROCHESTER AM00101-01	BRAND, JOHN S	SEPARATION & CHARACTERIZATION OF ISOLATED BONE CELLS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL DE00011-01	DREYER, DUANE A	ANATOMOPHYSIOLOGICAL BASES OF OROFACIAL SENSATION	K04
INSTITUTION TOTAL	1		

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NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
CITY TOTAL	1		
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
AM00008-01	GOLDSMITH, LOWELL A	STRUCTURAL PROTEINS IN GENETIC DEFECTS OF EPIDERMIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
HL00102-01	NIENDEHNER, DENNIS E	STRUCTURE & FUNCTION IN EARLY AIRWAYS OBSTRUCTION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER			
HL00115-01	BUIST, A SONIA	SMOKING AND CHRONIC AIRWAYS OBSTRUCTION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
PENNSYLVANIA			
PHILADELPHIA			
HANNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
HL00103-01	KALIA, MADHU	CENTRAL MECHANISMS IN PULMONARY REFLEXES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		

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NIH  
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH AM00036-01 AM00093-01	GLEW, ROBERT H ROBINSON, ALAN G	METABOLISM OF MAMMALIAN GLYCOPROTEINS AND GLYCOLIPIDS PHYSIOLOGY OF NEUROPHYSIN SECRETION	K04 K04
INSTITUTION TOTAL CITY TOTAL	2 2		
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY HL00085-01	PHILLIPS, WINFRED M	RHEOLOGY OF BIOLOGICAL FLUIDS, BLOOD FLOW	K04
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	4		
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA HL00098-01 HL00037-01	BROOKER, GARY LONGNECKER, DAVID E	METABOLIC AND HORMONAL CONTROL OF CARDIAC CONTRACTION ANESTHETICS AND MICROVASCULAR RESPONSE TO HEMORRHAGE	K04 K04
INSTITUTION TOTAL CITY TOTAL	2 2		
STATE TOTAL	2		
WASHINGTON SEATTLE VIRGINIA MASON FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH HL00047-01	HILDEBRANDT, JUDITH R	CONTROL OF LUNG FUNCTION AND RESPIRATION IN EXERCISE	K04
INSTITUTION TOTAL CITY TOTAL	1 1		
STATE TOTAL	1		
TOTAL	28		

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS



NIH  
CONSTRUCTION GRANTSDOLLARS  
AWARDED

GRANT NUMBER	AUTHORIZING OFFICIAL	TITLE OF PROPOSAL	DOLLARS AWARDED
MISSOURI UNIVERSITY CITY WASHINGTON UNIVERSITY CA16082-01	THACH, ROBERT E	REMODELING & EXPANSION OF EXISTING CANCER FACILITY	733,438
INSTITUTION TOTAL	1		733,438
CITY TOTAL	1		733,438
STATE TOTAL	1		733,438
TOTAL	1		733,438

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NIH  
MEDICAL LIBRARY GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA IN BIRMINGHAM LM02448-01	MUELLER, DOROTHY	IMPLEMENTATION OF UCLA ON-LINE SERIALS CONTROL SYSTEM	39,429
INSTITUTION TOTAL	1		39,429
CITY TOTAL	1		39,429
STATE TOTAL	1		39,429
CALIFORNIA SANTA ROSA MEMORIAL HOSPITAL LM02484-01	SCHRECK, EDWARD	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,150
INSTITUTION TOTAL	1		3,150
CITY TOTAL	1		3,150
STATE TOTAL	1		3,150
DIST OF COL WASHINGTON CATHOLIC UNIVERSITY OF AMERICA LM01738-01A1	WAGNER, LLOYD F	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	29,250
INSTITUTION TOTAL	1		29,250
CITY TOTAL	1		29,250
STATE TOTAL	1		29,250
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY LM02445-01	POLACSEK, RICHARD A	BIOMEDICAL JOURNAL SELECTION MODEL	23,253
INSTITUTION TOTAL	1		23,253
CITY TOTAL	1		23,253
STATE TOTAL	1		23,253
NORTH DAKOTA DICKINSON ST. JOSEPH'S HOSPITAL LM02441-01	STRANIK, ALICE L	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,212

\* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH  
MEDICAL LIBRARY GRANTS

DOLLARS  
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	3,212	
CITY TOTAL	1	3,212	
STATE TOTAL	1	3,212	
OHIO			
CINCINNATI			
CHILDREN'S HOSPITAL MEDICAL CENTER			
LM02446-01	SCHUFFE, MICHELE G	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,338
INSTITUTION TOTAL	1	3,338	
CITY TOTAL	1	3,338	
STATE TOTAL	1	3,338	
SOUTH DAKOTA			
YANKTON			
SACRED HEART HOSPITAL			
LM02452-01	MAY, JOSEPH B	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,250
INSTITUTION TOTAL	1	3,250	
CITY TOTAL	1	3,250	
STATE TOTAL	1	3,250	
WISCONSIN			
WOODRUFF			
HOWARD YOUNG MEDICAL CENTER			
LM02472-01	BESELER, MARGIA	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,160
INSTITUTION TOTAL	1	3,160	
CITY TOTAL	1	3,160	
STATE TOTAL	1	3,160	
TOTAL	8	108,042	

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